

Anchorage Amateur Radio Club

Meeting on September 1st

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John Murray NL7WW
Tom Stuart KL0QQ
Fred Erickson KL7VC
Mike Borer WL7CKB

AARC web page & Email contact addresses:

<http://kl7aa.akconnect.com>
president to kl0cy@arrl.net
webmaster to kl7aa@lawson.akconnect.com
membership to frederickson@iname.com

News Letter Submissions, Information or corrections:

Submissions must be received 2 weeks before meeting
Email: KL0EO@arrl.net Facsimile: 907-338-4791
Mail: 7013 Trafford Ave. Anchorage 99504

KL7G CODE PRACTICE SCHEDULE

Schedule: 7:00am, 10:00am, 4:00pm, 7:00pm, 10:00pm
AK time, every day Frequencies: 3575 kHz, 7075 kHz &
145.35 MHz: Sending Speeds: 22 wpm, 15 wpm, 7 wpm

Nets in Alaska:

The following nets are active in South-central Alaska:
Alaska Sniper's Net 3.920 MHz 6:00 PM daily
Alaska Bush Net 7.093 MHz 8:00 PM daily
Alaska Motley Net 3.933 MHz 9:00 PM daily
Alaska Pacific Emergency Preparedness Net 14.292 MHz
8:00 AM M-F
QCWA net 146.97/.37 repeater Sundays 8:00 PM local
850 No Name Net 146.85/.25 repeater Sundays 8:00 PM
Son of Sideband Net 144.20 USB Mondays 9:00 PM local
Big City Simplex Net 146.520 FM Tuesdays 8:00 PM local
ARES net 147.30/.90 repeater Thursdays at 8:00 PM local
PARKA net 147.30/.90 repeater Thursdays at 9:00 PM local

Anchorage & Mat Valley Area Repeaters

KL7AA systems at Flattop Mt., 2,200 ft
146.94/34 MHz, 80 watts, autopatch, 100/141.3 Hz PL
223.34/224.94, 25 watts, no patch, no PL
444.70/449.70, 25 watts, autopatch, 100/141.3 PL
KL7ION at Mt. Gordon Lyon 3,940 ft
147.30/90, MHz - 80 watts, no patch, no PL
KL7AA, Mt. Alyeska, 2,400 ft.
146.76/16 MHz, 25 watts, no patch, 141.3 Hz PL
KL7CC, Anchorage Hillside, SCRC & QCWA
146.97/37 MHz, 30 watts, autopatch, 103.5 Hz PL
KL7DJE at Grubstake Peak, 4,500 ft.
147.09/.69 MHz, 25 watts, no patch, 100 Hz PL
444.925/449.925, 10 watts, no patch, 141.3 Hz PL
KL7JFU, KGB road, MARA club
146.85/.25, autopatch, no PL
KL7AIR Elmendorf, EARS
146.67/.07, 107.2 Hz PL
KL7G West Anchorage & Events
449.65/444.65 MHz, patch, no PL

Anchorage & Mat Valley Simplex Frequencies

146.52 Mhz Calling and Emergency frequency
147.57 / 447.57 (crossband linked) HF spotters & chat
146.49 Mhz Anchorage area simplex chat
146.41 Mhz Mat Valley simplex chat

~*~ HOT LINKS ~*~

Internet Web links, the favorites from our readers

AARC <http://kl7aa.akconnect.com>

SCRC <http://www.home.gci.net/~worcester/scrc.htm>

EARS <http://www.qsl.net/kl7air>

MARA <http://www.obarr.net/mara/>

Moose Horn ARC <http://www.alaksa.net/~kl7fg>

ARES <http://www.qsl.net/alaskaares>

KL7J <http://www.alaska.net/~buchholz>

Fairbanks AARC:

<http://ffdlm1mac.uafsof.alaska.edu/aarc/aarc.html>

Yukon Amateur Radio Association:

<http://www.klondike.com/yara/index.html>

HAARP Project:

<http://server5550.itd.nrl.navy.mil/projects/haarp/>

<<Amateur Radio Reference Library>>

<http://www.area-ham.org/library/libindex.html>

Hamradio: <http://www.hamrad.com/>

Solar Terrestrial Activity <http://209.130.27.95/solar/>

ARRL <http://www.arrl.org/>

Propagation Report Recording 566-1819

please let us know if there are other club pages or good starting points that should appear here

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ABACUS RADIO REPAIR

Factory authorized service for: Kenwood, ICOM,
Yaesu, Alinco, Amateur radio equipment.
Call Jim Wiley, KL7CC (907) 338-0662

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ALASKA HAM RADIO SUPPLY

Ken Weldon, AL0R proprietor
20950 Chickadee Lane in Chugiak, 688-4267

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NEWSLETTER ARTICLES; All articles from members and interested persons are very welcome. If you wish to submit any articles, jokes, cartoons, please have it typed or neatly handwritten. It can be submitted by computer disk, fax, or E-mail to the newsletter editor at the address listed on the cover. Submissions must be in the hands of the editor at least two weeks prior to the meeting.

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MISTAKES!

If you find any mistakes in our newsletter, especially in the spelling of words, please consider that they are there for a purpose.

We publish something for everyone to keep everyone happy, especially those who are always looking for mistakes.....Keep smiling, your Editor

* **Tuesdays, 11:30 AM to 1:00 PM:** Join the gang for lunch and an eyeball QSO at the Royal Fork, "South, on Old Seward Highway.

Saturdays, 7:30 AM: Here is a great way to get started on the week-end come and meet with some of the locals and have a great breakfast at Phillips Restaurant, at the corner of Arctic and International. Great Fun.

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THIS MONTH'S EVENTS

September 1st: AARC general meeting at 7:00 PM 1st

Friday of the month in the Carr-Gottstein Building, on the APU Campus. Talk in will be on 147.300.

September 4th: VE License Exam 6:30 PM, 1st Tuesday of the month, it has been changed to **Hope Cottage** at 540 W International in the Board Room. Bring photo ID, copy of license (if any) and any certificates of completion.

September 4th: EARS general meeting at 7:00 PM 1st

Tuesday of the month, in the basement of Denali Hall (building 31-270) on Elmendorf AFB.. Talk in on 147.67/.07 simplex.

September 8th: SCRC general meeting at 7:00 PM the 2nd

Friday of the month at Denny's on Debarr & Bragaw. Talk in on 147.57 simplex.

September 9th: VE License Exams at 2:00 PM. 2nd

Saturday of the month at Hope Cottage 540 W. International in the Board Room. Be sure to bring photo ID, copy of license (if any) and any certificates of completion.

September 11th: AARC Board meeting at 7:00 PM 2nd

Tuesday of the month at Hope Cottage 540 W. International in the Board Room.

September 16th: ARES Planning Committee 09:30 AM to

12:00 PM. 3rd Saturday of the month. Will be held at Alyeska Building.

September 16th: PARKA Meeting at 11:00 AM. 3rd

Saturday of the month at Peggy's, across from Merrill Field

September 29th: MARA meeting at 7PM the last Friday of

the month at the MTA office in Palmer.

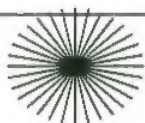
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**KEEP IN TOUCH WITH HAM
RADIO! Amateur Radio is Friendships
around the world!**

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HAM CLASSES

Okay, all of you folks out there who have been calling and asking us about when we are going to start our next amateur radio classes! How many of you are now looking to upgrade your license and/or get that code now that the requirements, particularly the code requirements, have been made easier? This is the time to start thinking about that upgrade, if you have not done so already.

How many others have spouses, relatives, or friends who now think that they would like to get their amateur radio licenses? Now is the time to get them started on that license.

Rick Marvin KL7YF, and his wife Lil Marvin, 7DL, will begin their next amateur radio classes in the first week of October. The exact days and times will be announced at a later date. The classes will run for approximately eight weeks. The location will be the Ann Stevens Red Cross Building on the corner of 8th and Cordova.

Rick will be teaching the theory, rules and regulations and proper operating procedure. He likes to give demonstrations, and will have the students actually set up a radio station, complete with antenna, and ready to operate. Students will actually be given an opportunity to handle a microphone and radio and to transmit in the presence of their teacher.

Lil will teach the Morse code. They will be expected to learn all 26 letters of the alphabet, numbers 0 through 9, period, question mark, comma, slant bar and some amateur radio prosigns. She likes to make the code interesting by sending jokes and one-liners, and by having the students do the same.

It is not too early to start working on getting that license now, particularly for those who are getting the code. We have the study materials available. If you are interested in getting a license or upgrading, or know someone else who is, then contact Rick or Lil Marvin at (907) 277-6741 or e-mail them at rlment@alaska.net. As we get closer to the date, we will keep you informed.

Marvin, NL7DL



PUBLIC SERVICE REPORT

1. Brief description of activity: **Search and Rescue of overdue hikers.**

2. Places or areas involved: **Pioneer Peak in the Knik River Valley.**

3. Number of amateurs participating: **4**

4. Event start date/time: **6 June 00/0800L** 5. Event end date/time: **6 June 00/1330L**

6. Duration of event (hours): **5.5** 7. Total man-hours: **22**

8. Nets and/or frequencies used (including repeater call signs):

146,04/64 KL7DOB Repeater

9. Number of messages handled: **12**

10. Names of agencies receiving communications support: **American Red Cross**

11. Please list call signs of amateurs who were major participants:

WL7BD, WL7IN, and KL7QZ

12. Other comments:

On June 6, 2000, two young women went on a day hike to the rugged 6,398 ft. Pioneer Peak Mountain which is located about 10 miles southeast of Palmer, Alaska in the Chugach Mountains. When they had not returned to their car and reported in to their parents on the afternoon of their hike, their family drove to the trailhead and found the women's car locked in the parking lot. Family and friends continued to watch for them and some began searching about 3 or 4 in the morning of June 7th after they contacted authorities. At about 6 a.m. an official "Search and Rescue" was started. Eventually there were over 50 volunteers from 6 different agencies including the Red Cross. Dan O Barr, WL7BD, received a call from the Red Cross about 7 a.m. requesting communications for their canteen unit called the "Whale". The plan was to deploy the Whale at the command center to provide hot coffee, snacks, etc. for the searchers. The Red Cross had provided help for house fires in this area and already knew that cell phones didn't work at that location. WL7BD was

on scene by 9 a.m. with his vehicle and a backpack full of spare radios and extra batteries. He had been talking to his wife, Gretchen, WL7IN, about this operation when John Bury, KL7QZ, broke into their conversation and offered his assistance from Anchorage if they needed him. WL7BD found that from that location he could operate three 2-meter repeaters: the 147.09 KL7DJE, the 146.85 MARA Club repeater, and the 146.64 machine that he maintains. While Dan had WL7IN and KL7QZ in the standby mode for handling traffic, he opted to use the phone patch on the 146.64 repeater to call the Red Cross office in Wasilla to coordinate the scheduling of Red Cross volunteers and food items. Things were going smoothly at the operations area they were getting settled into their routine when the girls were found at about 1 p.m. WL7BD also assisted KL7IPO by providing coax and fittings for the emergency repeater used by the Alaska Mountain Rescue Group.
Article graciously submitted by Dan O'Barr, WL7BD

Name of Amateur Radio organization providing service:

MATANUSKA AMATEUR RADIO ASSOCIATION

Location of organization: City or town: **Wasilla**
State: **Alaska**

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FEWER THAN ONE-FIFTH OF HAMS ARE ULS-REGISTERED **From ARRL Headquarters**

The FCC has confirmed that fewer than one-fifth of US Amateur Radio licensees—including club stations—are registered on the Universal Licensing System. The FCC deployed the ULS for the Amateur Service just under a year ago, although registration has been available far longer.

The question of how many hams now were ULS-registered arose during the July 21 meeting of the National Conference of Volunteer Examiner Coordinators, held in Gettysburg, Pennsylvania. Not even the FCC officials on hand had an answer. After the meeting, RC Smith, W6RZA, of the Greater Los Angeles VEC crunched some numbers to see if he could supply one for his colleagues.

Starting with the 717,629 licensees in the FCC database at that point, Smith subtracted the 31,449 determined to be expired but within the two-year grace period. Sorting on the Licensee ID Number field, Smith came up with 129,947 ULS registrants, or 18.9% of the remaining 686,180 licensees.

The FCC's Steve Linn, N4CAK, says the Commission ran its own numbers and came up with a similar figure—although without subtracting for those within the two-year grace period. "The quick run done here looked at all active records—717, 314—and how many had Licensee ID numbers, giving 18.1%," Linn said this week. "Take out the grace records and we're in the same ballpark."

During his comments at the Dayton Hamvention FCC forum, Linn encouraged amateur licensees to register with ULS to "lock in" their FCC records. ULS registration, he said, "protects your call sign within the system" and could prevent it from inadvertently being deleted or reissued due to a filing error.

All amateurs must be registered with the ULS in order to file applications with the FCC, even for such routine matters as a change of address or a license renewal. Registration requires that licensees supply a Taxpayer Identification Number, or TIN—a Social Security number for an individual. Some amateurs have protested that requirement citing privacy concerns, but the FCC has maintained that it's bound by the Debt Collection Improvement Act to require it.

Last month, the FCC announced that it has begun implementing the new Commission Registration System, or CORES. Registration in CORES eventually will replace ULS registration, although the FCC has not indicated just when the switch will occur. CORES registration also will require registrants to supply a TIN. Those already registered in ULS need not register again in CORES, however. The FCC says the ULS will continue to be the primary Amateur Radio licensee database and the only means to file applications and updates.

The FCC's Wireless Telecommunications Bureau recently announced expanded hours for ULS technical support. ULS users may now reach the FCC Technical Support Hotline, 202-414-1250, from 7 AM to 10 PM weekdays. Weekend service is newly available. On Saturdays the Hotline will be available from 8 AM until 7 PM and on Sundays from noon until 6 PM (all times Eastern). Users also may contact tech support via e-mail at ulscomm@fcc.gov.

For more information, to access the ULS or to register, visit the FCC's ULS
Site, <http://www.fcc.gov/wtb/uls>.

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NEW AMATEUR SATELLITES IN THE OFFING **From ARRL Headquarters**

New amateur satellites are reported on the way as payloads from Saudi Arabia and Malaysia are set to launch later this month from Russia.

SAUDISAT-1A and SAUDISAT-1B, the first Amateur Radio satellites from the Kingdom of Saudi Arabia, are under construction at the Space Research Institute in Riyadh. Tentatively set to launch August 25 from the Baikonur Cosmodrome, Kazakhstan, the two satellites will be capable of 9.6 kb digital store-and-forward operation as well as FM bent pipe mode.

SAUDISAT 1A will have a downlink on 437.075; SAUDISAT-1B will downlink on 436.775 MHz. VHF uplinks will be announced after commissioning.

"Amateur Radio is in its infancy in Saudi Arabia," said Dr Turki Al Saud, director of the Space Research Institute. "With these satellites we hope not only to add satellites to the space resources available to hams worldwide, but to increase the awareness of the value of Amateur Radio in the Kingdom."

The first Malaysian amateur satellite, TIUNGSAT-1, is also to be launched on the same vehicle. The new bird will offer FM and FSK (at 9.6, 38.4, and 76.8 kb) with uplinks at 144.46, 145.85, and 145.86 MHz and downlinks at 437.300, 437.325, 437.350, and 437.375 MHz. The package also includes the Multi-Spectral Earth Imaging System and Meteorological Earth Imaging system payloads. The Malaysian spacecraft is the result of a technological collaboration between Astronautic Technology and Surrey Satellite Technology Ltd. An animation of the TIUNGSAT-1 launch is available at the SSTL site,

http://www.sstl.co.uk/missions/mn_tiangsat_1.html.--AMSAT

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SB QST ARL ARLB034 From ARRL Headquarters
ARLB034 NCVEC advances revised Morse testing standards
From ARRL Headquarters

The National Conference of Volunteer Examiner Coordinators has voted to set up revised standards for the administration of Morse code examinations in the US.

Under the revised standards, examinees would have to show 25 character-count solid copy on test sheets or successfully answer seven out of ten questions of a fill-in-the-blank quiz on the sent text. The plan would bar multiple choice tests for Morse code testing.

Morse examinations would specify use of a Farnsworth character speed" in the range of 13 to 15 WPM. Morse code audio pitch would have to be between 700 and 1000 Hz. Standard 5 WPM tests with 5 WPM character

speed could be administered only as a special accommodation.

The new Morse testing standards are to be in effect by next July 1, but VECs may implement them sooner.

The NCVEC vote came July 21 during a meeting of VECs in Gettysburg, Pennsylvania.

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SB QST ARL ARLB031
ARLB031 Florida man arrested for interference to hams, unlicensed operation
From ARRL Headquarters

Federal authorities have arrested a Florida man and charged him with interfering with Amateur Radio operations and transmitting without a license. William Flippo of Jupiter was taken into custody July 20.

Flippo already faces a \$20,000 fine levied last summer for unlicensed operation, willful and malicious interference to Amateur Radio communications, and failure to let the FCC inspect his radio equipment. The matter was referred to the US Attorney in January after Flippo failed to pay the fine, and the interference complaints continued.

Armed with a search warrant, federal marshals and FCC and FBI agents, accompanied by local authorities, took Flippo into custody. FCC agents seized items related to the alleged offenses, including radio equipment.

Flippo was released on a \$100,000 bond. An arraignment on the federal charges is scheduled for July 31. One condition of his release is that he not make any radio transmissions.

Flippo was charged with four counts of transmitting without a license—each count carrying a maximum penalty of one year in prison and a \$10,000 fine—and four counts of interfering with the operations of licensed stations, which carry the same penalty.



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ARRL STATE CONVENTION
HAMFEST 2000
BEN BOEKE ICE ARENA
ANCHORAGE, ALASKA
SEPTEMBER 16/17

Circle Saturday and Sunday, September 16 and 17, 2000 on your calendar as the dates for the Anchorage Amateur Radio Club's ARRL Alaska State Convention/Hamfest. This year the location will be the Ben Boeke Indoor Ice Arena, south rink, 334 E. 16th Avenue, just south of the Sullivan Sports Arena (please note the change of location!)

Our guest speakers will once again include GORDON WEST WB6NOA, who will be making his fourth trip to Alaska, and still loving every minute of it. He has written many amateur radio license manuals for all classes of amateur radio licenses, with 80% of new hams having taken his classes or having used his books or tapes. Come and meet Gordon and learn more about amateur radio.

Also present for the second year in a row will be ARRL Northwest Division Director GREG "THE JUDGE" MILNES W7OZ. Judge Milnes has been a ham for 45 years. He is a retired judge. Like every ham, he enjoys many aspects of his hobby. He is currently serving on the ARRL's Volunteer Resources Committee, and is a Director of the ARRL Foundation, which covers grants and scholarships. Meet Greg, tell him your concerns, and learn about ARRL.

There will also be a MYSTERY GUEST SPEAKER at the Hamfest. Interested?? Find out whom by attending the Hamfest!

There will be representatives at tables from the following organizations: The American Red Cross, the Alaska State Defense Force, Sergeant Barry Reed from APD Auxiliary Search Team, ARES, and more. Step up to these folks and join their organizations. Use your hobby to help your community.

Bring your used or almost new ham gear and find a new home for it at the Hamfest. This will create more space in your house or garage, give you more spending money, and possibly save you from a very messy divorce. If you are interested in a table, contact Dick Bloch KL0VP at 277-7260. Amateur radio tables are \$10.00 + 10% of the sales, and commercial license tables cost a flat fee of \$35.00. If you have only a few items for sale, contact Country Store head Paul Spatzek WL7BF at the Hamfest site on Friday evening, September 15, or early Saturday morning September 16.

HAMFEST SCHEDULE OF EVENTS

Friday, September 15:

6:00 PM-9:00 PM: Pre-Hamfest setup. Volunteers needed. Contact Lil Marvin NL7DL at 277-6741, email: rlment@alaska.net

Saturday, September 16:

8:00 AM-10:00 AM: Early morning last minute setup

10:00 AM-5:00 PM: Doors open to public. Admission fees will be \$3.00 per adult, \$2.00 for ages 13 to 17, and kids 12 and under are free.

10:00 AM-4:00 PM: Snacks and lunch at the PARKA kitchen.

11:00 AM: Amateur radio license exams upstairs. For more information, contact Jim Wiley KL7CC at 338-0662.

2:00 PM: Amateur radio license exams and FCC commercial radio license exams. Commercial radio license exams contact Lil Marvin NL7DL 277-6741.

4:30 PM: Be present for a chance to win a Premiere AT-201HP 2-meter handheld radio or GPS handheld.

6:00 PM: No-host bar at REGAL ALASKAN, 4800 Spenard Road.

7:00 PM: Banquet dinner choice of Halibut Olympia and roast beef. Banquet tickets \$15.00. Contact Susan Woods NL7NN 561-7369.

8:00 PM: Introductions and guest speakers Gordon West WB6NOA, Greg Milnes W7OZ

9:00 PM: Be present for a chance to win the banquet prize of a Kenwood Th-D7A dual band handheld.

Sun. September 17

10:00 AM: Hamfest Display area reopens.

10:00 AM-3:00 PM: Doors open to public. Sale of new equipment via Radio Depot/Alaska Ham Radio Store. Sale of used equipment at the Swapmeet or Country Store. Amateur radio demo by Gordon West WB6NOA, ARRL forum by Greg Milnes W7OZ, satellite demo by Jerry Schmitt KK5YY, other demos.

10:00 AM-3:00 PM: Snacks and lunch at the PARKA kitchen.

1:00 PM: Amateur radio license exams.

3:00 PM: Be present to win a door prize of an SGC SG-2020 Compact HF SSB/CW Transceiver.

3:00 PM-4:00 PM: Tear down. Volunteers needed. Contact Lil Marvin NL7DL at the above listed phone number.

Purchase new equipment at lower 48 prices from Radio Depot/Alaska Ham Radio Store. Trade or buy used equipment at the Hamfest swapmeet or the Country Store. Watch Gordon West give a demo on amateur radio. Listen to Jerry Schmitt KK5YY give a presentation on capture of and operation on satellites, using simple amateur radio equipment. See Ed Cole AL7EB, the local AMSAT satellite representative, set up a 10 GHz radio shot. Learn how to properly install a tower from David Stevens KL7EB. An ARES representative will be available to help you learn to program that new radio or any other radio you may own. Bring manuals. For information contact Mike Borer WL7CKB at 349-8191.

Videos on amateur radio, basic electronics, installation and use of marine single sideband, getting started in VHF, etc., will be viewed throughout the Hamfest.

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SIX MILE PADDLE FEST 2000

By David Stevens KL7EB

John Lynn, KL0CY, and Edythe Lynn, KL0EO, ran the net. KL7TS, KL0TS were with the race judges; WL7YR and KC2BYX were at the start; and KL7EB, NL7NN and WL7CES at the finish. The events went smooth except when one kayaker rolled out of his kayak and lost it (the kayak). The safety kayakers and hams were able to retrieve the kayaker quickly but the kayak went past Boston Bar the Nossel, an eddy in the next canyon. Fun was had by all with the weather on its good behavior. The fine Kodiak Nut Brown Beer and Full Curl Ale went fast. Ron Clauson who directed the Six-Mile Paddle Fest even gave the hams a raft ride from Caniun Creek Bridge to the Boston Bar.



A black and white photograph showing a person lying face down in a river, with a surfboard or similar object floating nearby. The background shows dense foliage and a rocky bank.

The only way to cool off on a hot sunny day. Note how he makes it look so easy.

